

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--------------------|------------------|---------|---------------------|
| L1 | 1940313 | rotat\$7 revol\$7 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L2 | 1861884 | speed velocity | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L3 | 366467 | L1 near6 L2 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L4 | 610723 | (optical digital compact) near3 (disc disk storage medium media) cd dvd | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L5 | 4266569 | pattern structure shape sequence | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L6 | 57363 | L3 same L5 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L7 | 4709 | L6 same frequency | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L8 | 1047 | L7 and L4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L9 | 23 | L7 same rim and L4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L10 | 488 | L7 and "369".clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L11 | 3963417 | detect\$4 measur\$4 sens \$4 determin\$4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L12 | 77284 | L11 near10 L3 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L13 | 7841 | L12 same L5 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L14 | 1090 | L13 and L4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L15 | 975 | L13 same frequency | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L16 | 203 | L15 and L4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L17 | 115 | L15 and ("369".clas. "346". clas.) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L18 | 376974 | (label\$3 picture image drawing) near3 (writ\$5 record\$5 draw\$4 print\$4) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L19 | 127 | L18 and L15 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L20 | 45 | L19 and L4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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|-----|--------|---|------------------------------|----|-----|---------------------|
| L21 | 531 | L18 same L12 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L22 | 89 | L18 same L13 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L23 | 11 | L13 same spoke | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L24 | 738 | L13 same gear | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L26 | 653 | ((369/53.3) or (369/52.1)). CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L27 | 1 | "62075270" | JPO | OR | ON | 2008/03/14 11:40 |
| L28 | 7 | ECHI GO-TOSHI YUKI\$.IN. | JPO | OR | ON | 2008/03/14 11:40 |
| L29 | 0 | ECHI GO-TOSHI YUKI\$.IN. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L30 | 84 | yamashita-keitaro\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L31 | 160 | L26 and L12 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L32 | 1 | 10/661189.app. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L33 | 25 | L13 and L26 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L34 | 3 | ("20010017821" "5956307" "6434100"). PN. OR ("6985418"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L35 | 27919 | (gear saw sawtooth) near3 (pattern shape structure) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L36 | 27919 | (gear saw sawtooth) near3 (pattern shape structure) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L37 | 95124 | triang\$5 near3 (pattern structure shape element) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L38 | 207994 | (radi\$3 laser beam) near2 (position\$3 plac\$5 reference) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L39 | 44 | hanks-darwin\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L40 | 335 | L37 same L38 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L41 | 0 | L40 and (video adj2 disc) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L42 | 178 | tachometer and "369". clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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|-----|--------|--|------------------------------|----|-----|---------------------|
| L43 | 2 | ("3350503").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L44 | 5 | teramae-kazuo\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L45 | 0 | myung-young\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L46 | 0 | myung-young-sik\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L47 | 3082 | myung\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L48 | 7 | L47 and "signal pattern" | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L49 | 84 | yamashita-keitaro\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L50 | 19 | L49 and detection | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L51 | 5 | ota-mitsutoshi\$.in. | JPO | OR | ON | 2008/03/14 11:40 |
| L52 | 0 | ota-mitsutoshi\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L53 | 28648 | thermal near2 print\$4 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L54 | 9 | ("3426337" "4165495" "4558383" "4613916"). PN. OR ("6057976"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L56 | 23 | (magnetic adj2 (disc drive)) and ((incoherent non-coherent) near2 (radiation beam)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L58 | 115330 | reflect\$4 near4 (region zone area spot pattern spoke) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L59 | 10 | ("4680466" "4795901" "4827123").PN. OR ("4987301").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L60 | 2 | ((("5119363") or ("4884259"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L61 | 32 | ("3819281" "3931457" "4000510" "4094010" "4094013" "4108365" "4142209" "4229808" "4238843" "4245247" "4296491" "4326282" "4329575" "4363116"). PN. OR ("5119363"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |

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|-----|-------|---|------------------------------|----|-----|---------------------|
| L62 | 2 | ("3426337").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L63 | 31 | ("3426337").URPN. | USPAT | OR | ON | 2008/03/14 11:40 |
| L64 | 11 | ((("20020048241") or ("6501718") or ("5317337") or ("6109324") or ("20030108708") or ("20030107959") or ("20020046177") or ("5518325") or ("5616447") or ("6020977") or ("6074031"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L65 | 31773 | phas\$4 near4 synchron\$6 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L66 | 90871 | (media medium disc disk) near4 (speed velocity) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L67 | 98 | L65 near10 L66 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L68 | 21783 | L66 and ("360".clas. or "369".clas.) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L69 | 2494 | L65 and ("360".clas. or "369".clas.) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L70 | 1 | ("5119363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L71 | 4 | (laser coherent near3 (light source)) near10 (mark index indic\$5) near10 ((detect\$3 measur \$3) near3 (speed velocity) near4 (disk disc)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L72 | 1 | ("4929822").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L73 | 1059 | (250/231.13).ccls. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L74 | 269 | L73 and (laser coherent near3 (light source)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L75 | 65 | L73 and ((laser coherent near3 (light source)) near10 reflect\$5) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L76 | 14 | (250/231.1?).ccls. and "369".clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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| L77 | 4254 | (pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L78 | 87 | L77 same (label print\$4) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L79 | 137 | (pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity) near4 (disk disc)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L80 | 10 | L79 and ((label\$4 imag\$4) near10 (disc disk cd dvd)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L81 | 3014 | (detect\$4 measur\$4) near4 radial near4 (position\$4 location\$4) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L82 | 3 | L79 and L81 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L83 | 19093 | (pattern mark spoke gear index indic\$6) near10 ((detect\$4 measur\$4) near6 (speed velocity)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L84 | 614 | L83 and "369".clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L85 | 142 | L83 and L81 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L87 | 653 | ((369/53.3) or (369/52.1)). OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L88 | 1 | "62075270" | JPO | OR | ON | 2008/03/14 11:40 |
| L89 | 7 | ECHI GO-TOSHI YUKI\$.IN. | JPO | OR | ON | 2008/03/14 11:40 |
| L90 | 0 | ECHI GO-TOSHI YUKI\$.IN. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L91 | 84 | yamashita-keitaro\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L92 | 1 | 10/661189.app. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L93 | 3 | ("20010017821" "5956307" "6434100"). PN. OR ("6985418"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L94 | 27919 | (gear saw sawtooth) near3 (pattern shape structure) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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| L95 | 27919 | (gear saw sawtooth) near3 (pattern shape structure) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L96 | 95124 | triang\$5 near3 (pattern structure shape element) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L97 | 207994 | (radi\$3 laser beam) near2 (position\$3 plac\$5 reference) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L98 | 44 | hanks-darwin\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L99 | 335 | L96 same L97 | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L100 | 0 | L99 and (video adj2 disc) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L101 | 178 | tachometer and "369". clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L102 | 2 | ("3350503").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L103 | 5 | teramae-kazuo\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L104 | 0 | myung-young\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L105 | 0 | myung-young-sik\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L106 | 3082 | myung\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L107 | 7 | L106 and "signal pattern" | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L108 | 84 | yamashita-keitaro\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L109 | 19 | L108 and detection | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L110 | 5 | ota-mitsutoshi\$.in. | JPO | OR | ON | 2008/03/14 11:40 |
| L111 | 0 | ota-mitsutoshi\$.in. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L112 | 9 | ("3426337" "4165495" "4558383" "4613916"). PN. OR ("6057976"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L113 | 336 | (347/248).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L114 | 23 | (magnetic adj2 (disc drive)) and ((incoherent non-coherent) near2 (radiation beam)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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|------|------|--|------------------------------|----|-----|---------------------|
| L116 | 2 | ("3426337").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L117 | 10 | ("4680466" "4795901" "4827123").PN. OR ("4987301").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L118 | 32 | ("3819281" "3931457" "4000510" "4094010" "4094013" "4108365" "4142209" "4229808" "4238843" "4245247" "4296491" "4326282" "4329575" "4363116"). PN. OR ("5119363"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 11:40 |
| L119 | 2 | ((("5119363") or ("4884259"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L120 | 31 | ("3426337").URPN. | USPAT | OR | ON | 2008/03/14 11:40 |
| L122 | 1 | ("5119363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L123 | 4 | (laser coherent near3 (light source)) near10 (mark index indic\$5) near10 ((detect\$3 measur \$3) near3 (speed velocity) near4 (disk disc)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L124 | 1 | ("4929822").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/14 11:40 |
| L125 | 1059 | (250/231.13).ccls. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L126 | 269 | L125 and (laser coherent near3 (light source)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L127 | 65 | L125 and ((laser coherent near3 (light source)) near10 reflect\$5) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L128 | 14 | (250/231.1?).ccls. and "369".clas. | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L129 | 137 | (pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity) near4 (disk disc)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L130 | 10 | L129 and ((label\$4 imag \$4) near10 (disc disk cd dvd)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

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| L131 | 3014 | (detect\$4 measur\$4) near4 radial near4 (position\$4 location\$4) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L132 | 4254 | (pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity)) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |
| L134 | 87 | L132 same (label print\$4) | US-PGPUB; USPAT | OR | ON | 2008/03/14 11:40 |

3/ 14/ 2008 12:00:58 PM

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